

C-6.7 Represent common acids and bases by their names and formulas.

Revised Taxonomy Levels 2.1 B Represent (interpret) conceptual knowledge

Students did not study this concept in physical science

It is essential for students to

- ❖ Recognize and differentiate binary acids and oxyacids
- ❖ Recognize the names and formulas of common acids including
 - The strong acids listed in C-6.6
 - Acetic acid
 - Carbonic acid
 - Phosphoric acid
- ❖ Recognize the names and formulas of common bases including
 - The strong bases listed in C-6.6
 - Ammonia

Assessment

The verb interpret (represent) means that one major focus of assessment will be for students to “change from one form of representation to another”, in this case, from the name of the acid or base to the molecular formula of the acid or base, or from the molecular formula to the name.